STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION Remove, store and re-install exist, rail post. Remove and replace existing rail post anchor, if necessary. Cost included € Existing 4" Removal Removal in "Concrete Removal" Pier Line Neo. Exp'n Jt. Line Existing 2" 34" Saw cut 2-#4 d₂(E) bars 3-#4 d(E) bars at 10" cts. O.F. 2'-0" 2'-0" Microsilica (Typ.) Pier at each rail post overlay $3 - #5 d_3(E)$ bars at 10" cts. I.F. Тур. (Typ. each side, each end) 19-0" II Constructi * Exist. Reinf. (Typ.) * Exist. Reinf. * Exist. 1'-8" || 1'-3" (Typ.) 3-#6 a₂(<u>E) at</u> 10" cts, Top Reinf. (Typ. ea. side. 5-#6 a₁(E) bars at 5" cts. ea. end) Stage Removal Top and Bottom Line (Typ. each Span) € Pier --€ Rdwy. Stage Const. Line 5-Bar Splicers for SECTION A-A #6 bars Top & Bott. (Typ. each Span) See sheet 6 of 8 23-0" I Const for joint details 2'-038" 2'-038" 6-#6 a(E) bars at 5" cts. Removal Top and Bottom Line Existing 2" (Typ. each Span) Microsilica overlay 11 111 11 11 2'-038" Bonded Const. 2³4" at 50° F. a(E) or Joint (Typ.) Exist. $a_1(E)$ Reinf. PARTIAL PLAN SHOWING CONCRETE REMOVAL PARTIAL PLAN SHOWING CONCRETE REPLACEMENT 2³4" at 50° F. € Pier --* Existing longitudinal reinforcement extending into the removal area SECTION B-B shall be cleaned, straightened and incorporated into the new construction. 1'-6" 1'-10" Any reinforcement bars that are damaged during concrete removal BILL OF MATERIAL shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal. BAR a2(E) Bar No. Size Length Shape a(E) 100 #6 21'-6" —— a₁(E) 100 #6 17'-6" — a₂(E) 60 #6 4'-0" #4 4'-7" #4 2'-1" П d₂(E) 12 d₃(E) 60 #5 3'-7" Concrete Removal Cu. Yd. Concrete Superstructure Cu. Yd. 42.7 Reinforcement Bars, Pounds C. 640 Pounds 6,640 1'-10" Epoxy Coated 12" BAR d2(E) BAR d(E) BAR d3(E) PIERS 4, 6, 9, 12 AND 18 JOINT DETAILS DESIGNED A.T.H. SN 016-2467 CHECKED G.G.E. TOTAL SHEETS NO. SECTION COUNTY PASSED DRAWN Drew Christopher SHEET NO. 4 330 28 Cook CHECKED A.T.H. G.G.E. 2009-133I 8 SHEETS CONTRACT NO. 60H89 FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

SLT-91-001-10